

# Morbidity and Mortality

Weekly  
Report



U. S. Department of  
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

November 25, 1955

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 19, 1955

Except for 1 week in January, the weekly incidence of infectious hepatitis has been continuously less than that for the corresponding week of last year (see chart). For the year to date, a total of 28,815 cases has been reported as compared with 45,322 for the corresponding period of last year.

While a small decrease in the incidence of poliomyelitis was reported for the country as a whole, many States reported increases. The cases not reported, because of a holiday on the last day of the previous week, are included in this week's report.

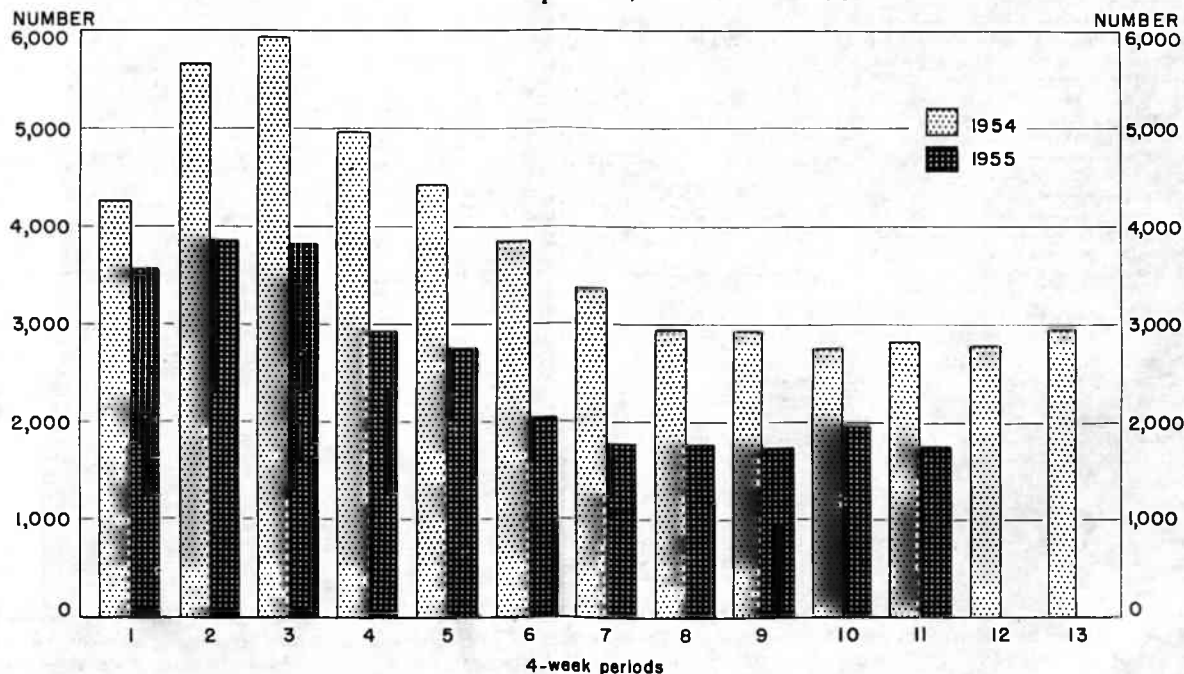
States reporting 15 or more cases (last week's figures in parentheses) are as follows: California, 65 (87); Massachusetts, 52 (43); New York, 38 (40); Texas, 32 (18); Wisconsin, 25 (40); Washington, 18 (23); Rhode Island, 15 (12); Pennsylvania, 15 (8); and Oregon, 15 (20).

Cumulative poliomyelitis figures for the United States are:

	Calendar year		Disease year	
	1955	1954	1955	1954
Total-----	28,017	36,912	26,954	35,359
Paralytic-----	10,011	13,654	9,549	13,048
Nonparalytic ---	10,757	10,882	10,466	10,501
Unspecified ----	7,249	12,376	6,939	11,810

The Poliomyelitis Surveillance Unit, Public Health Service Communicable Disease Center, reports that the total number of accepted cases of paralytic poliomyelitis among vaccinated persons is 310. Nonparalytic cases total 775.

### Infectious Hepatitis, 1954 and 1955



## EPIDEMIOLOGICAL REPORTS

Anthrax

Dr. E. J. Witte, Pennsylvania Department of Health, reports a case of cutaneous anthrax in a 51-year-old man. The patient has worked for the past 15 years as a mechanic and oiler in a wool scouring plant. Immediately prior to his illness he had been working on an old crush roller, a machine which crushes burrs in raw wool. About the middle of October, a small blister developed on his left forearm. A few days later it was considerably larger, and the patient reported to the company physician. A smear was negative for *Bacillus anthracis*, but a culture from the lesion was positive. The lesion developed vesicles which ruptured and a black eschar soon formed. The patient was treated with penicillin and recovered. This is the second anthrax case reported from the plant this year and the sixth since 1948.

According to the monthly report from the Department of Agriculture for October, 10 outbreaks of anthrax in animals were reported in 5 States. In half of these outbreaks, 11 cattle

and 3 horses were lost. The losses in the other outbreaks were not reported. Soil was given as the source of infection in all but 1 outbreak, for which the source was not determined. Reports indicate that no outbreaks of anthrax in animals occurred in 34 States, the District of Columbia, and Hawaii during October. Information was received that anthrax resulted in the loss of 1 cow in New York State in September.

Tularemia

Dr. E. A. Rogers, Director of Health, Nebraska State Health Department, reports a case of tularemia in a 42-year-old school teacher. On October 10, the patient killed and cleaned a wild rabbit. Three days later he complained of a severe headache which persisted for 5 days, accompanied by a fever of 9 days duration. On October 18, a papule developed on the left forefinger, accompanied by adenitis in the left axillary node. A culture prepared in papular material was examined by a local laboratory on the same date and was reported as negative. Ag-

Continued on page 8

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	46th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Nov. 19, 1955	Ended Nov. 20, 1954	Median 1950-54	First 46 weeks			Since seasonal low week			
				1955	1954	Median 1950-54	1954-55	1953-54	Median 1949-50 to 1953-54	
Anthrax-----062	-	-	1	26	19	32	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	6	13	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	20	35	---	1,138	1,516	---	---	---	---	---
Diphtheria-----055	66	74	104	<sup>2</sup> 1,601	1,779	2,648	<sup>2</sup> 892	907	1,202	July 1
Encephalitis, infectious-----082	11	33	25	1,381	1,761	1,032	850	1,205	627	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	510	723	---	<sup>3</sup> 28,815	45,322	---	---	---	---	---
Malaria-----110-117	3	13	---	433	667	---	(1)	(1)	(1)	(1)
Measles-----085	2,151	3,607	2,320	530,228	648,302	485,690	11,829	19,193	13,472	Sept. 1
Meningococcal infections-----057	79	78	78	3,106	3,677	3,677	535	618	663	Sept. 1
Polio myelitis-----080	459	691	691	<sup>4</sup> 28,017	36,912	34,071	<sup>4</sup> 26,954	35,359	32,490	Apr. 1
Psittacosis-----096.2	<sup>5</sup> 7	1	---	250	466	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	5	8	10	(1)	(1)	(1)	(1)
Rocky Mountain spotted fever-----104A	1	1	3	269	283	310	(1)	(1)	(1)	(1)
Scarlet fever and streptococcal sore throat-----050,051	2,369	2,342	2,140	130,465	130,909	94,132	25,208	23,168	17,859	Aug. 1
Smallpox-----084	-	-	-	-	-	12	(1)	(1)	(1)	(1)
Trichiniasis-----128	3	7	---	246	224	---	(1)	(1)	(1)	(1)
Tularemia-----059	6	8	8	460	524	566	(1)	(1)	(1)	(1)
Typhoid fever-----040	21	22	40	1,557	2,105	2,105	1,250	1,699	1,799	Apr. 1
Typhus fever, endemic-----101	1	2	---	120	168	---	(1)	(1)	(1)	(1)
Whooping cough-----056	987	1,549	1,151	58,055	52,692	52,692	5,953	8,931	7,300	Oct. 1
Rabies in animals-----	95	102	117	4,593	6,121	6,378	555	725	---	Oct. 1

<sup>1</sup>Frequencies are too small.

<sup>2</sup>Addition: South Carolina, week ended November 5, 1 case.

<sup>3</sup>Deduction: California, week ended November 5, 8 cases.

<sup>4</sup>Deduction: Washington, week ended November 12, 1 case.

<sup>5</sup>Minnesota, 2; New Jersey, 1; and North Carolina, 4.

## SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, rabies in man, and smallpox are not shown

in table 2, but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [ - ]: no cases reported; 3 dashes [ --- ]: data not available.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 20, 1954 AND NOVEMBER 19, 1955

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER) (044)		DIPHTHERIA (055)		ENCEPHALITIS, INFECTIOUS (082)		HEPATITIS, INFECTIOUS, AND SERUM (092,N998.5 pt.)		MALARIA (110-117)			
									Civilian <sup>1</sup>		Military	
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
CONT. UNITED STATES-----	20	35	66	74	11	33	510	723	3	7	-	6
NEW ENGLAND-----	-	1	1	1	-	-	38	79	-	2	-	-
Maine-----	-	-	-	-	-	-	9	13	-	1	-	-
New Hampshire-----	-	-	-	-	-	-	2	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	2	14	-	-	-	-
Massachusetts-----	-	-	1	1	-	-	7	27	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	6	12	-	-	-	-
Connecticut-----	-	1	-	-	-	-	12	13	-	1	-	-
MIDDLE ATLANTIC-----	-	-	2	4	2	9	111	156	-	-	-	-
New York-----	-	-	2	3	2	8	71	82	-	-	-	-
New Jersey-----	-	-	-	-	-	-	2	12	-	-	-	-
Pennsylvania-----	-	-	-	1	-	1	38	62	-	-	-	-
EAST NORTH CENTRAL-----	3	13	2	5	3	4	91	78	-	-	-	-
Ohio-----	-	-	2	2	1	-	15	18	-	-	-	-
Indiana-----	-	-	-	-	2	1	6	29	-	-	-	-
Illinois-----	1	7	-	2	-	2	12	11	-	-	-	-
Michigan-----	1	2	-	1	-	1	15	14	-	-	-	-
Wisconsin-----	1	4	-	-	-	-	43	6	-	-	-	-
WEST NORTH CENTRAL-----	12	8	13	1	2	4	25	108	1	-	-	-
Minnesota-----	3	-	1	-	1	2	12	65	1	-	-	-
Iowa-----	2	4	-	1	-	-	7	27	-	-	-	-
Missouri-----	6	1	-	-	1	-	2	6	-	-	-	-
North Dakota-----	1	-	-	-	-	2	2	-	-	-	-	-
South Dakota-----	-	3	-	-	-	-	2	6	-	-	-	-
Nebraska-----	-	-	12	-	-	-	-	2	-	-	-	-
Kansas-----	-	-	-	-	-	-	-	2	-	-	-	-
SOUTH ATLANTIC-----	-	3	20	26	2	1	35	91	-	-	-	1
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	-	-	-	-	-	6	22	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	1	1	-	2	1	11	34	-	-	-	-
West Virginia-----	-	-	-	-	-	-	-	18	-	-	-	-
North Carolina-----	-	-	2	1	-	-	5	10	-	-	-	1
South Carolina-----	-	-	2	6	-	-	4	1	-	-	-	-
Georgia-----	-	2	7	18	-	-	2	-	-	-	-	-
Florida-----	-	-	8	1	-	-	7	6	-	-	-	-
EAST SOUTH CENTRAL-----	3	2	13	29	-	1	29	43	-	-	-	4
Kentucky-----	1	2	2	15	-	-	3	2	-	-	-	4
Tennessee-----	1	-	1	3	-	-	13	19	-	-	-	-
Alabama-----	-	-	4	9	-	-	6	10	-	-	-	-
Mississippi-----	1	-	6	2	-	1	7	12	-	-	-	-
WEST SOUTH CENTRAL-----	-	5	15	7	2	3	37	35	2	5	-	-
Arkansas-----	-	1	-	-	-	-	4	3	-	-	-	-
Louisiana-----	-	2	3	1	-	-	1	4	-	-	-	-
Oklahoma-----	-	-	2	-	-	1	3	4	-	-	-	-
Texas-----	-	2	10	6	2	2	29	24	2	5	-	-
MOUNTAIN-----	1	1	-	-	-	1	71	48	-	-	-	-
Montana-----	-	-	-	-	-	-	10	3	-	-	-	-
Idaho-----	-	-	-	-	-	-	2	18	-	-	-	-
Wyoming-----	-	-	-	-	-	-	13	-	-	-	-	-
Colorado-----	-	-	-	-	-	-	13	6	-	-	-	-
New Mexico-----	-	-	-	-	-	-	7	3	-	-	-	-
Arizona-----	1	1	-	-	-	-	17	16	-	-	-	-
Utah-----	-	-	-	-	-	1	8	2	-	-	-	-
Nevada-----	-	-	-	-	-	-	1	-	-	-	-	-
PACIFIC-----	1	2	-	1	-	10	73	85	-	-	-	1
Washington-----	-	-	-	1	-	-	19	8	-	-	-	-
Oregon-----	-	1	-	-	-	1	20	30	-	-	-	-
California-----	1	1	-	-	-	9	34	47	-	-	-	1
Alaska-----	-	-	-	-	-	-	3	4	-	-	-	-
Hawaii-----	-	-	-	-	-	-	3	1	-	-	-	-
Puerto Rico-----	-	-	2	-	-	-	13	2	-	-	-	-

<sup>1</sup>Includes cases not specified as civilian or military.

## Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 20, 1954 AND NOVEMBER 19, 1955—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MEASLES (085)		MENINGO- COCCAL INFECTIONS (057)		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER (104A)	
					Total <sup>2</sup>		Paralytic (080.0,080.1)		Nonparalytic (080.2)			
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
CONT. UNITED STATES-----	2,151	3,607	79	78	459	691	205	300	145	168	1	1
NEW ENGLAND-----	30	946	4	1	92	44	38	19	31	12	-	-
Maine-----	2	101	-	-	9	5	7	2	2	-	-	-
New Hampshire-----	4	123	1	-	1	1	-	-	-	-	-	-
Vermont-----	13	23	-	-	4	-	3	-	1	-	-	-
Massachusetts-----	2	582	1	-	52	24	24	10	20	10	-	-
Rhode Island-----	-	21	-	-	15	-	2	-	-	-	-	-
Connecticut-----	9	96	2	1	11	14	2	7	8	2	-	-
MIDDLE ATLANTIC-----	259	803	17	17	64	136	21	46	14	24	-	1
New York-----	117	457	3	10	38	76	19	29	12	18	-	-
New Jersey-----	29	177	4	1	11	28	2	17	2	6	-	-
Pennsylvania-----	113	169	10	6	15	32	-	-	-	-	-	1
EAST NORTH CENTRAL-----	439	662	26	16	64	178	29	70	18	36	1	-
Ohio-----	18	46	4	2	7	49	3	13	-	5	-	-
Indiana-----	14	36	8	4	11	26	6	11	5	5	1	-
Illinois-----	203	60	8	5	14	45	6	26	5	7	-	-
Michigan-----	181	473	4	2	7	41	3	15	3	17	-	-
Wisconsin-----	23	47	2	3	25	17	11	5	5	2	-	-
WEST NORTH CENTRAL-----	74	180	-	6	22	50	10	13	9	25	-	-
Minnesota-----	7	108	-	-	5	7	3	2	2	3	-	-
Iowa-----	18	24	-	-	8	14	2	4	4	10	-	-
Missouri-----	2	9	-	1	7	8	4	-	2	-	-	-
North Dakota-----	28	32	-	1	-	-	-	-	-	-	-	-
South Dakota-----	1	1	-	-	-	9	-	-	-	6	-	-
Nebraska-----	3	2	-	2	-	6	-	3	-	3	-	-
Kansas-----	15	4	-	2	2	8	1	4	1	3	-	-
SOUTH ATLANTIC-----	238	170	8	16	33	83	13	51	13	19	-	-
Delaware-----	-	1	-	-	1	5	-	3	1	2	-	-
Maryland-----	50	2	-	2	3	6	2	4	1	2	-	-
District of Columbia-----	3	-	-	-	-	2	-	1	-	-	-	-
Virginia-----	117	33	2	4	5	12	2	6	3	3	-	-
West Virginia-----	21	100	-	-	4	5	2	3	2	1	-	-
North Carolina-----	15	2	1	3	5	7	2	5	-	1	-	-
South Carolina-----	12	7	1	4	5	5	1	4	1	-	-	-
Georgia-----	8	16	-	1	6	5	2	3	3	-	-	-
Florida-----	12	9	4	2	4	36	2	22	2	10	-	-
EAST SOUTH CENTRAL-----	333	118	9	12	15	29	5	14	4	7	-	-
Kentucky-----	239	47	4	4	5	13	-	6	2	6	-	-
Tennessee-----	85	49	2	3	2	10	1	5	1	1	-	-
Alabama-----	6	19	2	3	4	3	2	2	-	-	-	-
Mississippi-----	3	3	1	2	4	3	2	1	1	-	-	-
WEST SOUTH CENTRAL-----	164	222	8	7	51	47	19	23	21	12	-	-
Arkansas-----	24	3	-	1	4	7	1	4	3	2	-	-
Louisiana-----	-	4	1	3	5	9	5	7	-	2	-	-
Oklahoma-----	29	6	2	1	10	2	2	1	5	-	-	-
Texas-----	111	209	5	2	32	29	11	11	13	8	-	-
MOUNTAIN-----	230	75	1	1	20	39	8	13	3	3	-	-
Montana-----	54	-	-	-	1	3	-	1	1	1	-	-
Idaho-----	9	4	-	-	4	6	2	-	-	-	-	-
Wyoming-----	57	1	-	-	1	8	-	2	-	-	-	-
Colorado-----	72	8	-	-	4	7	4	5	-	-	-	-
New Mexico-----	7	5	1	-	2	3	1	2	1	1	-	-
Arizona-----	29	35	-	1	3	4	1	3	1	1	-	-
Utah-----	2	22	-	-	2	8	-	-	-	-	-	-
Nevada-----	-	-	-	-	3	-	-	-	-	-	-	-
PACIFIC-----	384	431	6	2	98	85	62	51	32	30	-	-
Washington-----	92	85	1	-	18	11	6	5	8	4	-	-
Oregon-----	37	88	1	-	15	11	11	7	4	2	-	-
California-----	255	258	4	2	65	63	45	39	20	24	-	-
Alaska-----	31	2	-	1	-	3	-	-	-	1	-	-
Hawaii-----	18	22	-	-	10	2	6	1	4	1	-	-
Puerto Rico-----	102	73	-	-	1	-	1	-	-	-	-	-

<sup>2</sup>Includes cases not specified by type, category number (080.3).

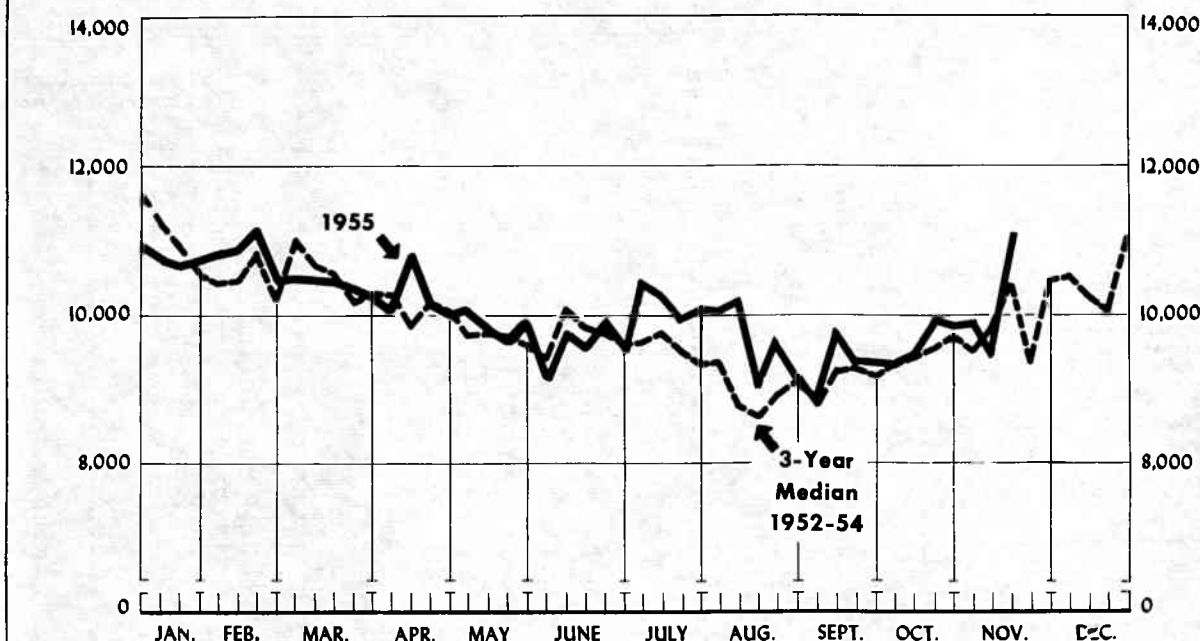
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 20, 1954 AND NOVEMBER 19, 1955—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)		TRICHINIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOOPING COUGH (056)		RABIES IN ANIMALS	
	1955	1954	1955	1955	1954	1955	1954	1955	1955	1954	1955	1954
CONT. UNITED STATES-----	2,369	2,342	3	6	8	21	22	1	987	1,549	95	102
NEW ENGLAND-----	83	107	3	-	-	1	1	-	41	282	-	-
Maine-----	16	7	-	-	-	-	1	-	5	18	-	-
New Hampshire-----	1	5	-	-	-	-	-	-	1	7	-	-
Vermont-----	5	1	-	-	-	-	-	-	1	-	-	-
Massachusetts-----	32	52	-	-	-	1	-	-	21	88	-	-
Rhode Island-----	6	-	1	-	-	-	-	-	1	52	-	-
Connecticut-----	23	42	2	-	-	-	-	-	12	117	-	-
MIDDLE ATLANTIC-----	159	113	-	1	-	2	2	1	154	285	14	13
New York-----	97	59	-	-	-	1	1	1	55	112	10	13
New Jersey-----	16	10	-	-	-	-	-	-	69	38	-	-
Pennsylvania-----	46	44	-	1	-	1	1	-	30	135	4	-
EAST NORTH CENTRAL-----	333	300	-	2	-	5	1	-	275	338	6	18
Ohio-----	83	50	-	-	-	-	-	-	26	37	5	5
Indiana-----	42	87	-	-	-	1	-	-	50	31	-	9
Illinois-----	75	77	-	2	-	-	1	-	46	57	-	3
Michigan-----	111	62	-	-	-	3	-	-	107	116	-	-
Wisconsin-----	22	24	-	-	-	1	-	-	46	97	1	1
WEST NORTH CENTRAL-----	80	84	-	-	1	1	2	-	42	63	10	8
Minnesota-----	24	36	-	-	-	-	-	-	10	26	3	1
Iowa-----	12	12	-	-	1	-	-	-	13	5	1	-
Missouri-----	10	12	-	-	-	1	-	-	9	15	5	6
North Dakota-----	14	10	-	-	-	-	-	-	2	13	1	1
South Dakota-----	14	2	-	-	-	-	-	-	-	1	-	-
Nebraska-----	-	5	-	-	-	-	1	-	-	-	-	-
Kansas-----	6	7	-	-	-	-	1	-	8	3	-	-
SOUTH ATLANTIC-----	218	259	-	-	1	1	7	-	103	127	15	24
Delaware-----	2	4	-	-	-	-	-	-	2	3	-	-
Maryland-----	5	28	-	-	1	-	-	-	3	21	-	-
District of Columbia-----	6	9	-	-	-	-	-	-	1	1	-	-
Virginia-----	54	71	-	-	-	-	1	-	13	42	4	5
West Virginia-----	19	16	-	-	-	1	1	-	23	36	-	5
North Carolina-----	54	60	-	-	-	-	-	-	50	21	1	5
South Carolina-----	24	13	-	-	-	-	2	-	4	-	7	4
Georgia-----	43	40	-	-	-	-	1	-	5	3	3	3
Florida-----	11	18	-	-	-	-	2	-	2	-	-	2
EAST SOUTH CENTRAL-----	171	69	-	1	-	3	1	-	78	124	12	10
Kentucky-----	87	14	-	1	-	1	-	-	39	43	7	4
Tennessee-----	29	22	-	-	-	1	1	-	16	40	-	1
Alabama-----	22	23	-	-	-	1	-	-	14	39	5	4
Mississippi-----	33	10	-	-	-	-	-	-	9	2	-	1
WEST SOUTH CENTRAL-----	747	761	-	-	4	2	2	-	190	117	22	25
Arkansas-----	54	48	-	-	2	-	-	-	33	1	6	4
Louisiana-----	18	7	-	-	-	-	-	-	-	5	12	33
Oklahoma-----	28	8	-	-	1	-	1	-	19	2	-	-
Texas-----	647	698	-	-	1	2	1	-	138	109	4	18
MOUNTAIN-----	376	385	-	2	-	3	4	-	40	45	-	2
Montana-----	7	11	-	-	-	-	-	-	-	1	-	-
Idaho-----	16	15	-	-	-	1	-	-	1	8	-	-
Wyoming-----	20	2	-	1	-	-	-	-	-	1	-	-
Colorado-----	81	45	-	-	-	-	-	-	18	2	-	-
New Mexico-----	60	107	-	-	-	-	4	-	1	3	-	2
Arizona-----	178	164	-	-	-	1	-	-	20	17	-	-
Utah-----	14	40	-	1	-	-	-	-	-	13	-	-
Nevada-----	-	1	-	-	-	1	-	-	-	-	-	-
PACIFIC-----	202	264	-	-	2	3	2	-	64	168	16	2
Washington-----	66	57	-	-	2	-	-	-	11	26	-	-
Oregon-----	44	39	-	-	-	-	-	-	6	15	-	-
California-----	92	168	-	-	-	3	2	-	47	127	16	2
Alaska-----	4	6	-	-	-	-	-	-	2	-	-	-
Hawaii-----	-	1	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	2	-	-	8	76	-	-

<sup>3</sup>Report for October.

## NUMBER OF DEATHS IN 108 SELECTED CITIES



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between

death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ( $d \pm 2\sqrt{d}$ , where  $d$  represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	46th week ended Nov. 19, 1955	45th week ended Nov. 12, 1955	46th week median 1952-54	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 46 WEEKS		
					1955	1954	Percent change
TOTAL: 106 REPORTING CITIES-----	11,016	9,366	10,347	+6.5	458,746	446,830	+2.7
New England----- (14 cities)	756	636	693	+9.1	31,170	29,943	+4.1
Middle Atlantic----- (17 cities)	3,301	2,778	3,116	+5.9	136,203	131,681	+3.4
East North Central----- (18 cities)	2,287	2,100	2,329	-1.8	101,340	98,285	+3.1
West North Central----- (8 cities)	784	637	724	+8.3	31,512	32,272	-2.4
South Atlantic----- (9 cities)	910	718	797	+14.2	34,996	34,171	+2.4
East South Central----- (8 cities)	492	411	429	+14.7	21,282	20,952	+1.6
West South Central----- (13 cities)	959	706	801	+19.7	36,046	35,334	+2.0
Mountain----- (7 cities)	198	153	201	-1.5	8,881	8,589	+3.4
Pacific----- (12 cities)	1,329	1,227	1,268	+4.8	57,316	55,603	+3.1



# Morbidity and Mortality Weekly Report

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 19, 1955

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	46th week ended Nov. 19, 1955	45th week ended Nov. 12, 1955	CUMULATIVE NUMBER FOR FIRST 46 WEEKS		CITY	46th week ended Nov. 19, 1955	45th week ended Nov. 12, 1955	CUMULATIVE NUMBER FOR FIRST 46 WEEKS	
			1955	1954				1955	1954
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	221	217	10,595	10,057	St. Louis-----	253	198	10,007	10,600
Bridgeport-----	47	28	1,684	1,598	St. Paul-----	65	65	2,942	2,932
Cambridge-----	31	35	1,345	1,237	Wichita-----	42	47	1,769	1,907
Fall River-----	29	29	1,260	1,230	SOUTH ATLANTIC				
Hartford-----	66	34	2,063	2,102	Atlanta-----	112	126	4,760	4,752
Lowell-----	29	31	1,167	1,233	Baltimore-----	256	213	10,252	9,744
Lynn-----	26	22	1,008	983	Charlotte-----	38	21	1,263	1,364
New Bedford-----	28	22	1,098	1,032	Jacksonville-----	(52)	(33)	(2,188)	(2,206)
New Haven-----	48	39	1,953	1,942	Miami-----	52	33	2,393	2,780
Providence-----	79	54	2,902	2,758	Norfolk-----	31	27	1,441	1,296
Somerville-----	24	10	687	655	Richmond-----	68	70	2,920	2,877
Springfield, Mass.-----	45	43	1,918	1,780	Savannah-----	(33)	(31)	(1,307)	(1,263)
Waterbury-----	26	27	1,149	1,069	Tampa-----	67	40	2,465	2,352
Worcester-----	57	45	2,341	2,267	Washington, D. C.-----	242	157	7,887	7,533
MIDDLE ATLANTIC					Wilmington, Del.-----	44	31	1,615	1,473
Albany-----	59	40	2,177	2,071	EAST SOUTH CENTRAL				
Allentown-----	(39)	(32)	(1,649)	(1,524)	Birmingham-----	88	97	3,513	3,355
Buffalo-----	189	88	6,194	6,153	Chattanooga-----	55	53	1,998	1,942
Camden-----	38	23	1,661	1,679	Knoxville-----	18	25	1,522	1,530
Elizabeth-----	26	31	1,197	1,292	Louisville-----	120	67	4,706	4,832
Erie-----	30	32	1,576	1,515	Memphis-----	105	74	4,494	4,389
Jersey City-----	66	55	3,154	3,117	Mobile-----	36	35	1,325	1,463
Newark, N. J.-----	104	80	4,556	4,415	Montgomery-----	20	22	1,179	1,193
New York City-----	1,749	1,587	71,457	69,155	Nashville-----	50	38	2,545	2,248
Paterson-----	38	30	1,683	1,720	WEST SOUTH CENTRAL				
Philadelphia-----	483	405	21,734	20,847	Austin-----	29	30	1,173	1,150
Pittsburgh-----	184	162	8,080	7,295	Baton Rouge-----	24	15	958	979
Reading-----	---	(20)	---	(929)	Corpus Christi-----	20	7	788	792
Rochester, N. Y.-----	130	77	4,291	4,150	Dallas-----	106	125	4,463	4,549
Schenectady-----	8	20	1,020	1,105	El Paso-----	30	28	1,283	1,205
Scranton-----	(31)	(45)	(1,537)	(1,546)	Fort Worth-----	74	54	2,497	2,552
Syracuse-----	73	52	2,519	2,494	Houston-----	150	102	5,712	5,476
Trenton-----	52	39	2,179	2,054	Little Rock-----	48	28	2,019	1,850
Utica-----	44	30	1,417	1,377	New Orleans-----	186	144	6,857	6,785
Yonkers-----	28	27	1,305	1,242	Oklahoma City-----	69	44	2,584	2,665
EAST NORTH CENTRAL					San Antonio-----	116	71	3,889	3,545
Akron-----	56	53	2,377	2,460	Shreveport-----	58	26	1,802	1,781
Canton-----	32	25	1,244	1,285	Tulsa-----	49	32	2,021	2,005
Chicago-----	732	746	33,152	32,605	MOUNTAIN				
Cincinnati-----	175	116	6,735	6,326	Albuquerque-----	35	22	1,052	1,207
Cleveland-----	194	195	9,011	9,018	Colorado Springs-----	17	18	591	544
Columbus-----	121	91	4,858	4,592	Denver-----	97	71	4,858	4,500
Dayton-----	80	53	2,959	2,836	Ogden-----	6	14	508	509
Detroit-----	312	292	14,720	14,039	Phoenix-----	26	12	1,095	934
Evansville-----	31	39	1,454	1,334	Pueblo-----	12	11	571	610
Flint-----	48	39	1,699	1,694	Salt Lake City-----	(43)	(38)	---	(1,792)
Fort Wayne-----	18	30	1,524	1,158	Tucson-----	5	5	206	187
Gary-----	(44)	(24)	(1,263)	(1,166)	PACIFIC				
Grand Rapids-----	57	43	1,906	1,785	Berkeley-----	31	17	817	802
Indianapolis-----	120	98	5,018	5,006	Long Beach-----	57	42	2,224	2,209
Milwaukee-----	114	115	5,668	5,484	Los Angeles-----	453	485	20,857	19,796
Peoria-----	37	32	1,346	1,353	Oakland-----	99	96	3,949	4,165
South Bend-----	23	15	1,134	1,055	Pasadena-----	32	36	1,656	1,496
Toledo-----	93	69	4,211	4,037	Portland, Oreg.-----	75	90	4,242	4,414
Youngstown-----	44	43	2,324	2,218	Sacramento-----	55	35	2,235	2,082
WEST NORTH CENTRAL					San Diego-----	90	73	3,371	3,272
Des Moines-----	52	35	2,351	2,281	San Francisco-----	200	166	8,383	8,349
Duluth-----	25	26	1,159	1,214	Seattle-----	139	101	5,803	5,476
Kansas City, Kans.-----	(20)	---	---	(1,508)	Spokane-----	56	52	2,083	2,005
Kansas City, Mo.-----	152	114	4,995	5,355	Tacoma-----	42	34	1,696	1,537
Minneapolis-----	132	104	5,371	5,215	Honolulu-----	(48)	(34)	(1,638)	(1,539)
Omaha-----	63	48	2,918	2,768					

Symbols.—parentheses [ ] : data not included in table 3; 3 dashes [---] : data not available.

## EPIDEMIOLOGICAL REPORTS—Continued

glutination tests on a blood specimen examined on October 18 were also negative. A repeat specimen collected the last of October was positive in a dilution of 1:1280.

Leptospirosis

A report from the North Carolina Board of Health on veterinary public health gives an interesting account of a human case of leptospirosis. The patient, a physician, frequently went swimming in a pond early in the spring before others began to use it. An investigation revealed that the patient went swimming early in April. One week later he became ill with fever, chills, headache, and jaundice. A blood specimen submitted after recovery was positive for *L. pomona* in a dilution of 1:160. When the pond was visited several weeks later, the water level was low and the water stagnant. The pond, a natural one, is located in a flat area in a great wilderness near the coast. There are no inlets or outlets. Numerous deer tracks and fecal droppings were noted near the edge where the deer apparently watered. Domestic animals do not have access to the pond. It is possible that infected deer contaminated the pond.

Encephalitis

Dr. Martin P. Hines, North Carolina State Board of Health, reports that an estimate of several hundred horses and mules have died from eastern equine encephalitis in the State during the past 3 months. Cases in horses have been reported in 20 eastern counties. The virus has been isolated from 4 horses. An interesting aspect of the encephalitis epizootic this fall was a natural outbreak of the disease in domestic pheasants, the first recorded in the State. Eastern equine virus was isolated from the brains of 7 pheasants from farms in Cumberland and Robeson Counties. The pheasants showed symptoms of leg paralysis, head drawn over back, sleepiness, staggering, and failure to eat or drink. Death occurred in 1 or 2 days. One farm had a 50 percent mortality in a flock of 175 birds. The mortality among horses has been from 90 to 100 percent. Blood from a mule that had recovered showed complement fixing antibodies in a titer of 1:64 for eastern equine encephalitis. Numerous species of mosquitoes have been collected, but the specie carrying the virus has not yet been determined. One unconfirmed fatal human case has been reported.

Rabies in animals

A semimonthly report from the California Department of Public Health on health in the State has given information on rabies in animals. Of 291 cases reported so far this year, 126 were in wild animals and 165 in domestic animals. Of those in wild animals, 104 were in skunks, 17 in foxes, 3 in bobcats, 1 in a raccoon, and 1 in a bat. Of the domestic animal cases, 154 were in dogs, 9 in cows, 1 in a cat, and 1 in a goat.

Trichiniasis

Dr. E. J. Witte, Pennsylvania Department of Health, reports a case of trichiniasis in a 69-year-old man. The patient is self-employed as a food packer and is in the habit of nibbling on small pieces of home-cured Italian ham in his place of business. He did this for 4 or 5 months before the onset of his illness. He also ate sausage purchased from a local butcher. One week prior to his illness, Italian ham was served to him and 17 others, but none of the others were made ill. None of the above mentioned foods were available for laboratory examination. The diagnosis of trichiniasis was confirmed by muscle biopsy and by a skin test.

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